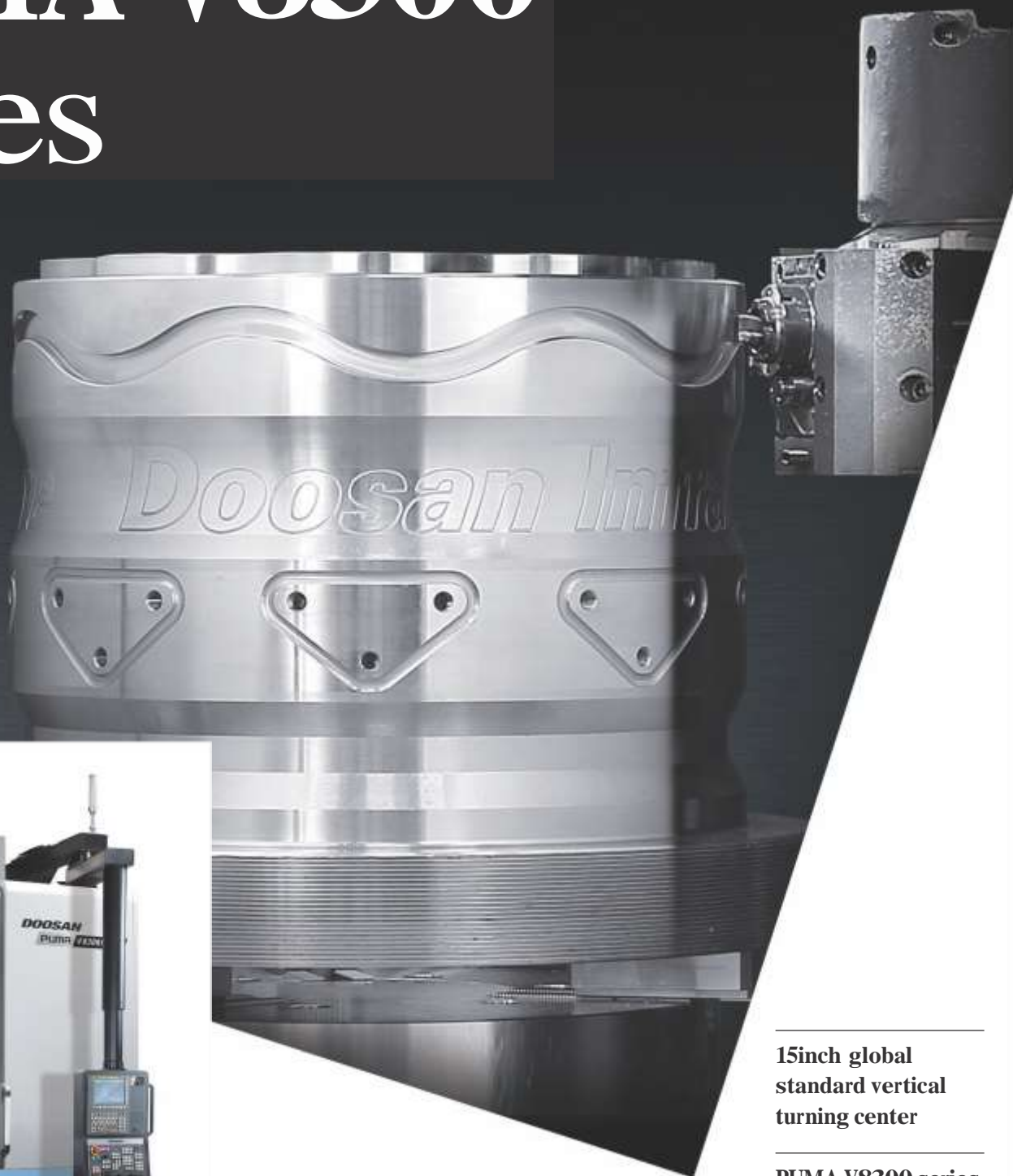




*Optimal Solutions for the Future*

# PUMA V8300 series



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**15inch global  
standard vertical  
turning center**

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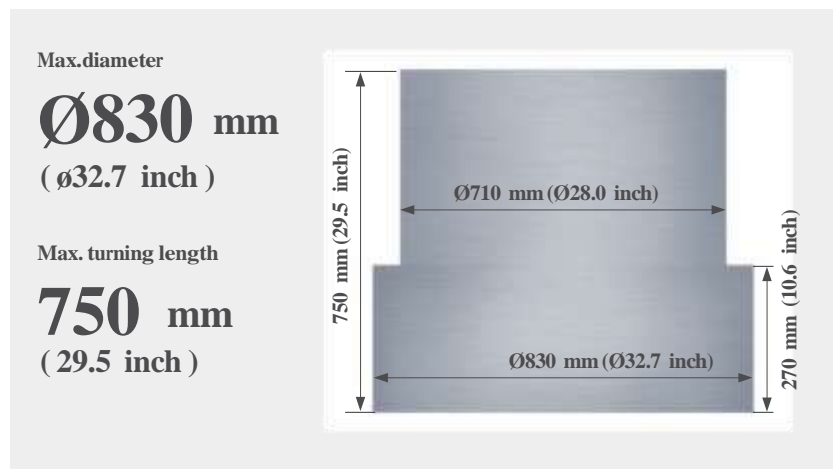
## **PUMA V8300 series**

PUMA V8300R/L  
PUMA 8300MR/ML  
PUMA V8300-2SP

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ver. EN 160229 SU

### Various machining capacity



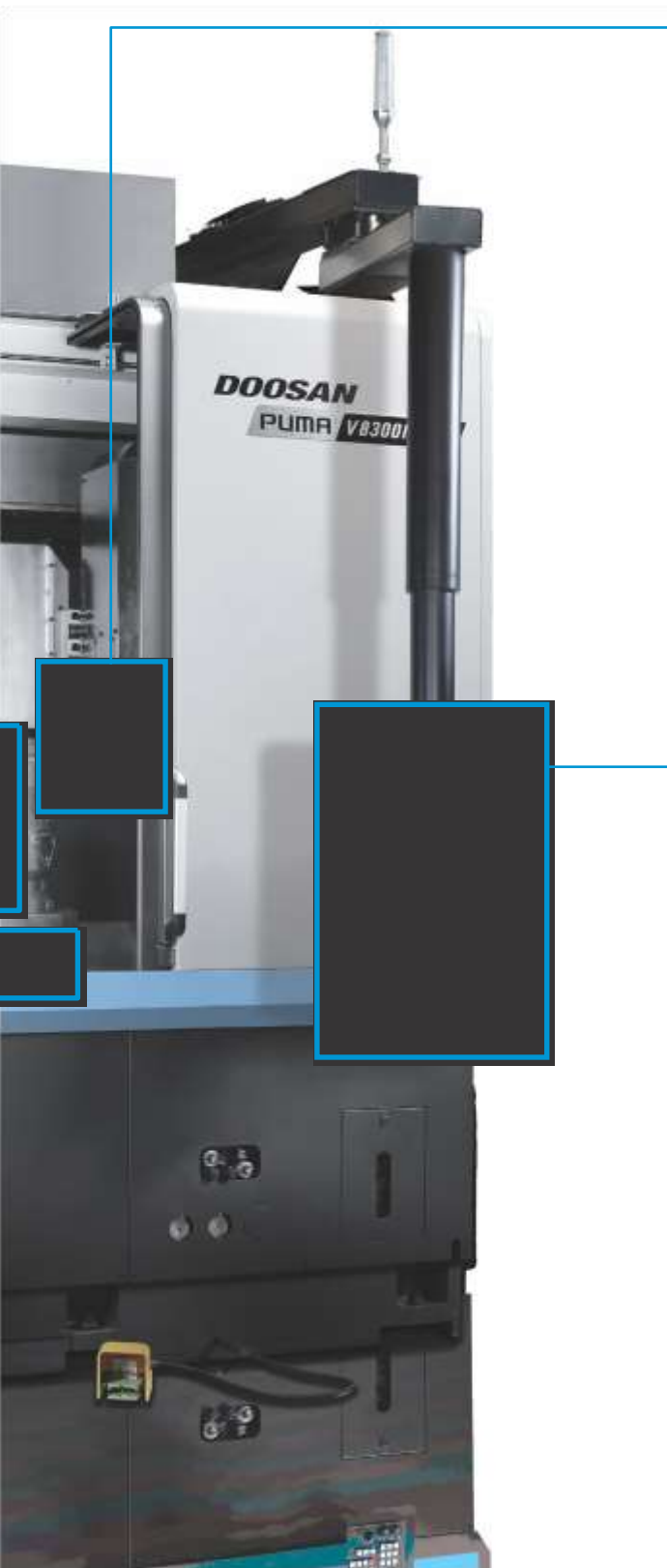
### Main spindle



# PUMA V8300 series

### Outstanding machining performance with wide capacity

With max, turning diameter of Ø830 mm(Ø32.7 inch) , respectively, PUMA V8300 maintains high accuracy over a long-term operation. Heavy duty cutting capability and high durability implemented with the meehanite cast bed and column-integrated box guide.



Turret



User friendly ergonomic design



#### Various Machining Capacity

- Largest turning diameter of the class:  
Ø830 mm (Ø32.7 inch)
- 15inch standard chuck  
(18 / 21 / 24 inch , opt)

#### High Productivity

- Standard, 50Hp Optional, 60Hp high  
power spindle motor for improved  
machining performance based on box.  
guide structure.
- Maintain high accuracy for a long time  
because high reliability servo turret.

#### User Convinient Implemented with Ergonomic Design Technology

- Enhanced chip disposal capability with  
improved flushing mechanism with high  
dip angle.
- right and left, height is adjustable, so  
that, user might be easy set for their  
work environment.

## Major Specifications

### PUMA V8300 series



Description	Unit	PUMA V8300R/L/2SP	PUMA V8300MR/ML/2SP
Max. turning dia.	mm (inch)	Ø830 (Ø32.7)	
Capacity			
Max. turning length	mm (inch)	750 (29.5)	
Chuck size	inch	15 (18 / 21 / 24)	
Travel			
X/Z axis travel distance	mm (inch)	495 (415+80) / 780 (19.5 (16.3+3.1) / 30.7)	
X/Z axis rapid travel speed	m/min	20 / 20	
Max. spindle speed	r/min	2000	
Spindle			
Spindle motor power (30min/cont.)	kW (Hp)	37 / 30 (49.6 / 40.2)	
Spindle bearing inner dia.	mm (inch)	Ø160 (Ø6.3)	
CNC system	-	DOOSAN FANUC i	



## Doosan Machine Tools

<http://www.doosanmachinetools.com>

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➤ For more details, please contact Doosan.

➤ The specifications and information above-mentioned may be changed without prior notice.